



Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Joel Feldman
Vice President, Engineering
(Position eg, president, plant manager, chief eng.)

Of Swagelok Company
(name of company)

Located at Headquarters: 29500 Solon Road, Solon, Ohio 44139 USA (See Attachment A)
(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

- comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:
- Or
- are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with _____
_____ code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of ISO 9001:2015, and has been verified by the following authority or authorized agency BSI

The fittings² covered by this declaration, for which I seek registration, are Category C. Valves

In support of the application, the following information, calculations and/or test data are attached:
ISO 9001:2015 Certificate, Attachment A, Attachment B, Catalog Information and other Support Documents

Declared before me at _____

In the of Unable to get a notary signature or seal due to COVID-19 situation
The ___ Day of _____ AD 20___
A (commissioner for oaths)

DocuSigned by:

10/18/2021 | 8:19 AM EDT
C87CBBFFD3F14B7
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category _____ in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN _____

For the Chief Inspector
Date _____



- 1 **Three completed copied of Statutory Declaration form together with three copies of Catalogs, drawings or blueprints illustrating above fittings shall be submitted.**
- 2 **All fittings are required to be registered in the name of the Manufacturer.**
- 3 **This form shall be completed and signed by the president of highest official in the manufacturing plan where the fitting is produced.**

Attachment B: Scope of CRN for Swagelok BS6 and LRS4 Regulators (Category C)

This document represents the scope of bolted / threaded-body RHPS Series, BS6 and LRS4 Series Pressure Regulators covered by this submission for CRN approval. These spring-loaded regulators have been evaluated in accordance with ASME B31.1-2020 and B31.3-2020 for unlisted components.

Summary Table

Product Series	Main Pressure Bearing Component	Main Pressure Bearing Material (Standard)	Port Connections, Sizes	Maximum Rated Pressure				Design Code of Construction
				At Ambient temperature		At maximum temperature		
				Inlet	Outlet	Inlet	Outlet	
BS6	Body	316L SS UNS 31603 (ASTM A479)	Female NPT, 3/4" in.					ASME B31.1/ ASME B31.3 (Unlisted Components)
			ASME/ANSI B16.5 Flange (600#, 900#, 1500#, 2500#)	1015 psi (70 bar)	203 psi (14 bar)	1015 psi (70 bar)	203 psi (14 bar)	
			ASME/ANSI B16.5 Flange (300#)	600 psi (41 bar)	203 psi (14 bar)	600 psi (41 bar)	203 psi (14 bar)	
			ASME/ANSI B16.5 Flange (150#)	230 psi (16 bar)	203 psi (14 bar)	230 psi (16 bar)	203 psi (14 bar)	
LRS4	Body	316L SS UNS 31603 (ASTM A479)	Female NPT, 1/2 in.	507 psi (35 bar)	290 psi (20 bar)	507 psi (35 bar)	290 psi (20 bar)	

Product Illustration



BS6 Series Regulator



LRS4 series Regulator



Product Options:

Some of the product options listed below affect the pressure-temperature ratings shown in the Summary Table, but in all cases the ratings are less than those shown in the Summary Table. All of the following options are within the scope of this registration:

Seal Materials

Fluorocarbon FKM
Nitrile
EPDM
FFKM
Low temperature Nitrile

Diaphragm Materials

Fluorocarbon FKM
Nitrile
EPDM
FFKM
Low temperature Nitrile
PTFE
316L SS

Quality System

The Swagelok Company quality system complies with the requirements of ISO 9001:2015. The Swagelok Company maintains BSI Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate.

References

The product catalog does not represent the full scope of registration, but rather details some of the most common options.

- RHPS Regulators Series Catalog MS-02-430, Rev K

THIS IS PART OF CRN
0C23691.5
Technical Standards and Safety Authority
Boilers and Pressure Vessels Safety
Program

Attachment A. Swagelok Manufacturing Locations

This document lists the Swagelok locations where end item or component level manufacturing activities take place.

Swagelok Company 29500 Solon Road Solon, Ohio 44139 USA	Swagelok Company (Falon 1) 348 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (Highland) 318 Bishop Road Highland Heights, Ohio 44143 USA	Swagelok Company (Falon 2) 358 Bishop Road Highland Heights, Ohio 44143 USA
Swagelok Company (OFC) 29495 F.A. Lennon Drive Solon, Ohio 44139 USA	Swagelok Company (HPF) 6050 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Atlantic) 26651 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Snow Metal) 6060 Cochran Road Solon, Ohio 44139 USA
Swagelok Company (Micro) 26653 Curtiss Wright Parkway Willoughby Hills, Ohio 44092 USA	Swagelok Company (Alfred) 29500 Ambina Drive Solon, Ohio 44139
Swagelok Hose Services Company (SHSC) 29900 Solon Industrial Parkway Solon, Ohio 44139	Swagelok Company (Strongsville) 15400 Foltz Road Strongsville, Ohio 44119
Swagelok (China) Fluid System Technologies Ltd. Changshu Export Process Zone Changshu Economic Development Zone Changshu, Jiangshu 215513 China	Swagelok Limited Ballafletcher Road Tromode IM4 4RA Isle of Man

